

- Home
- What Can I Access?
- Log-out

A maximum of **125** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.

Then click **Search Again**.

(((mpeg)and audio)) and ((1988 <in> py) or (1989 <in> py) or (1990 <in> py) or (1991 <in> py))

**Search Again**

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

- ☐ By Author
- ☐ Basic
- ☐ Advanced

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 **Print Format**

Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD**

*Bober, M.; Kittler, J.;*

Mobile Multimedia Communications (Digest No. 1996/248), IEE  
Colloquium on the Future of , 6 Dec. 1996  
Page(s): 3/1 -3/9

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) **IEE CNF**

*Sandler, M.B.; Kudumakis, P.; Magrath, A.J.;*

Mobile Multimedia Communications (Digest No. 1996/248), IEEE  
Colloquium on the Future of , 6 Dec. 1996  
Page(s): 11/1 -11/9

[\[Abstract\]](#) [\[PDF Full-Text \(744 KB\)\]](#) **IEE CNF**

*Crawford, D.I.;*

Advanced, Widescreen and High Definition Television Systems -  
Where Are They Now?, IEE Colloquium on , 6 Feb 1996  
Page(s): 8/1 -8/5

[Abstract] [PDF Full-Text (256 KB)] **IEE CNF**

*Pettersson, P.E.;*

## Advanced, Widescreen and High Definition Television Systems -

Where Are They Now?, IEE Colloquium on , 6 Feb 1996

Page(s): 4/1 -4/2

[\[Abstract\]](#) [\[PDF Full-Text \(88 KB\)\]](#) [IEE CNF](#)

---

**5 Implementation of an MPEG 2 layer III multichannel audio encoder running in real time**

*Mason, A.J.;*

Broadcasting Convention, International (Conf. Publ. No. 428) , 12-16 Sept. 1996

Page(s): 460 -465

[\[Abstract\]](#) [\[PDF Full-Text \(836 KB\)\]](#) [IEE CNF](#)

---

**6 A new generation of MPEG-2 video encoder ASIC and its application to new technology markets**

*Irvin, M.; Kitazawa, T.; Suzuki, T.;*

Broadcasting Convention, International (Conf. Publ. No. 428) , 12-16 Sept. 1996

Page(s): 391 -396

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) [IEE CNF](#)

---

**7 Transport of uncompressed audio through MPEG systems**

*Diamond, S.K.; Penney, B.J.; VanDusen, C.H.;*

Broadcasting Convention, International (Conf. Publ. No. 428) , 12-16 Sept. 1996

Page(s): 456 -459

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) [IEE CNF](#)

---

**8 ISO/MPEG subjective tests on multichannel audio systems: design and methodology**

*Fuchs, H.; Hoeg, W.; Meares, D.;*

Broadcasting Convention, 1994. IBC 1994., International , 16-20 Sep 1994

Page(s): 152 -157

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) [IEE CNF](#)

---

**9 ISO/MPEG subjective tests on multichannel audio coding systems: practical realisation and test results**

*Kirby, D.G.; Feige, F.; Wustenhagen, U.;*

Broadcasting Convention, 1994. IBC 1994., International , 16-20 Sep 1994

Page(s): 132 -139

[\[Abstract\]](#) [\[PDF Full-Text \(508 KB\)\]](#) **IEE CNF**

---

**10 Listening Tests On Cascaded ISO/MPEG Audio Codecs .**

*Nielsen, S.H.;*

Cascading Audio and Video Data Compression Systems, IEE Colloquium on , 2 Mar 1994

Page(s): 8/1 -8/4

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) **IEE CNF**

---

**11 MPEG-2 for DVB and cable**

*Drury, G.M.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 6/1 -6/6

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) **IEE CNF**

---

**12 MPEG-2: a tutorial introduction to the systems layer**

*Sarginson, P.A.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 4/1 -413

[\[Abstract\]](#) [\[PDF Full-Text \(724 KB\)\]](#) **IEE CNF**

---

**13 The ISO/MPEG Audio MISICAM family**

*Rault, J.B.; Dehery, Y.F.; Lever, M.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 3/1 -314

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) **IEE CNF**

---

**14 MPEG-2 video compression tutorial**

*Tudor, P.N.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 2/1 -2/8

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) **IEE CNF**

---

**15 MPEG-2: where did it come from and what is it?***Morris, O.J.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 1/1 -1/5

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) [IEE CNF](#)

---

**16 Digital television receiver technology***van der Meer, J.;*

DVB (Digital Video Broadcasting): The Future for Television Broadcasting?, IEE Colloquium on (Digest No.1995/142) , 27 Jun 1995

Page(s): 6/1 -620

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) [IEE CNF](#)

---

**17 Audio coding for TV and multimedia***Brandenburg, K.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 159 -164

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) [IEE CNF](#)

---

**18 The effect of low bit-rate coding upon impaired audio material***Keyhl, M.; Herre, J.; Ferreira, A.; Gilchrist, N.H.C.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 151 -158

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEE CNF](#)

---

**19 MPEG audio layer II. A generic coding standard for two and multichannel sound for DVB, DAB and computer multimedia***Stoll, G.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 136 -144

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEE CNF](#)

---

**20 Terrestrial transmission of DTVB signals-the European specification**

*Schafer, R.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 79 -84

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEE CNF](#)

---

**21 Understanding how interactive television set-top box works. . and what it will mean to the customer**

*Droitcourt, J.L.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 382 -394

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) [IEE CNF](#)

---

**22 Video and audio on demand-today's CATV networks on their way to interactive communications networks**

*Bechtold, K.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 332 -337

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) [IEE CNF](#)

---

**23 Data reduction for high quality digital audio storage and transmission**

*Rumsey, F.J.;*

Storage and Recording Systems, 1994., International Conference on , 5-7 Apr 1994

Page(s): 20 -27

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEE CNF](#)

---

**24 MPEG: status of digital coding standardisation**

*Wells, N.D.;*

Digital Satellite Technology and Electronic Newsgathering, IEE Colloquium on , 13 Jan 1993

Page(s): 4/1 -4/4

[\[Abstract\]](#) [\[PDF Full-Text \(228 KB\)\]](#) [IEE CNF](#)

---

**25 An Overview of the MPEG/audio Compression Algorithm**

*Pan, D.;*

Applications of Signal Processing to Audio and Acoustics, 1991. Final

Program and Paper Summaries., 1991 IEEE ASSP Workshop on ,  
October 20-23, 1991  
Page(s): 0\_79 -0\_80

[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **IEEE CNF**

---

[1](#) [2](#) [3](#) [4](#) [5](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved

## Print Request Result(s)

---

**Printer Name: cpk2\_8d57\_gblsptr**

**Printer Location: cpk2\_\_8d57**

- US005583962: Ok
- US005511093: Ok
- US005473631: Ok
- US005404377: Ok
- US005550580: Ok
- US005488418: Ok
- US005497435: Ok
- US005291557: Ok

# WEST Search History

DATE: Monday, October 27, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L3	L2 and subband	21	L3
L2	L1 and band and decoder	161	L2
L1	(mpeg and audio) and @PY<1997	603	L1

END OF SEARCH HISTORY



## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

 Print FormatYour search matched **630** of **978562** documents.A maximum of **500** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one in the text box.

Then click **Search Again**.**Results:**Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 MPEG digital audio coding***Noll, P.;*

Signal Processing Magazine, IEEE , Volume: 14 Issue: 5 , Sept. 1997

Page(s): 59 -81

[\[Abstract\]](#) [\[PDF Full-Text \(12940 KB\)\]](#) **IEEE JNL****2 Audio coding for TV and multimedia***Brandenburg, K.;*

Broadcasting Convention, 1995. IBC 95., International , 14-18 Sep 1995

Page(s): 159 -164

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) **IEE CNF****3 MPEG-2: where did it come from and what is it?***Morris, O.J.;*

MPEG-2 - What it is and What it isn't, IEE Colloquium on , 24 Jan 1995

Page(s): 1/1 -1/5

[\[Abstract\]](#) [\[PDF Full-Text \(324 KB\)\]](#) **IEE CNF****4 Transport of uncompressed audio through MPEG systems***Diamond, S.K.; Penney, B.J.; VanDusen, C.H.;*

Broadcasting Convention, International (Conf. Publ. No. 428) , 12-16 Sept. 1996

Page(s): 456 -459

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) **IEEE CNF**

---

**5 High quality audio for multimedia: key technologies and MPEG standards**

*Noll, P.;*

Global Telecommunications Conference, 1999. GLOBECOM '99 ,  
Volume: 4 , 1999

Page(s): 2045 -2050 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(236 KB\)\]](#) **IEEE CNF**

---

**6 Using MPEG-4 audio for DRM digital narrowband broadcasting**

*Dietz, M.; Mlasko, T.;*

Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The  
2000 IEEE International Symposium on , Volume: 3 , 28-31 May  
2000

Page(s): 205 -208 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) **IEEE CNF**

---

**7 Automated MPEG audio-video summarization and description**

*Sugano, M.; Nakajima, Y.; Yanagihara, H.;*

Image Processing. 2002. Proceedings. 2002 International Conference  
on , Volume: 1 , 22-25 Sept. 2002

Page(s): I-956 -I-959 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF**

---

**8 Wavelets versus conventional filters for low bit rate audio coding**

*Kudumakis, P.; Sandler, M.;*

Broadcasting Convention, 1997. International , 12-16 Sept. 1997

Page(s): 320 -324

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) **IEEE CNF**

---

**9 Data reduction for high quality digital audio storage and transmission**

*Rumsey, F.J.;*

Storage and Recording Systems, 1994., International Conference on ,  
5-7 Apr 1994

Page(s): 20 -27

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) **IEEE CNF**

---

**10 A single-chip MPEG/audio decoder LSI based on a compact decoding algorithm**

*Iwadare, M.; Takano, H.; Shibuya, Y.; Sakamoto, H.; Kuwajima, T.; Kitabatake, O.; Kobayashi, N.;*  
VLSI Signal Processing, VIII, 1995. IEEE Signal Processing Society [Workshop on] , 16-18 Sept. 1995  
Page(s): 118 -125

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE CNF**

---

**11 Subband based MPEG audio mixing for Internet streaming applications**

*de Smet, P.; Stichele, T.V.;*  
Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on , Volume: 3 , 7-11 May 2001  
Page(s): 1393 -1396 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) **IEEE CNF**

---

**12 Design of a novel synthesis filter for real-time MPEG-2 audio decoder implementation on a DSP chip**

*Won-Kyu Paik; Sun-Young Hwang;*  
Consumer Electronics, IEEE Transactions on , Volume: 45 Issue: 4 , Nov 1999  
Page(s): 1119 -1129

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) **IEEE JNL**

---

**13 Overview of MPEG-4 audio and its applications in mobile communications**

*Herre, J.; Grill, B.;*  
Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th International Conference on , Volume: 1 , 21-25 Aug. 2000  
Page(s): 11 -20 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) **IEEE CNF**

---

**14 Overview of MPEG-4 audio and its applications in mobile communications**

*Herre, J.; Grill, B.;*  
Communication Technology Proceedings, 2000. WCC - ICCT 2000. International Conference on , Volume: 1 , 21-25 Aug. 2000

Page(s): 604 -613 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(916 KB\)\]](#) **IEEE CNF**

---

**15 Psychoacoustically-based processing of MPEG-I layer 1-2 encoded signals**

*Lanciani, C.A.; Schafer, R.W.;*

Multimedia Signal Processing, 1997., IEEE First Workshop on , 23-25 June 1997

Page(s): 53 -58

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) **IEEE CNF**

---

**16 HILN-the MPEG-4 parametric audio coding tools**

*Purnhagen, H.; Meine, N.;*

Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on , Volume: 3 , 28-31 May 2000

Page(s): 201 -204 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF**

---

**17 A fast bit allocation algorithm for MPEG audio encoder**

*Kai-Tat Fung; Yui-Lam Chan; Wan-Chi Siu;*

Intelligent Multimedia, Video and Speech Processing, 2001.

Proceedings of 2001 International Symposium on , 2-4 May 2001

Page(s): 5 -8

[\[Abstract\]](#) [\[PDF Full-Text \(340 KB\)\]](#) **IEEE CNF**

---

**18 Single chip MPEG audio decoder**

*Maturi, G.;*

Consumer Electronics, IEEE Transactions on , Volume: 38 Issue: 3 , Aug 1992

Page(s): 348 -356

[\[Abstract\]](#) [\[PDF Full-Text \(436 KB\)\]](#) **IEEE JNL**

---

**19 A new intensity stereo coding scheme for MPEG1 audio encoder-layers I and II**

*Chi-Min Liu; Jen-Chang Liu;*

Consumer Electronics, IEEE Transactions on , Volume: 42 Issue: 3 , Aug. 1996

Page(s): 535 -539

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) **IEEE JNL**

---

**20 The design of a hybrid filter bank for the psychoacoustic model in ISO/MPEG phases 1, 2 audio encoder**

*Chi-Min Liu; Wen-Chieh Lee;*

Consumer Electronics, IEEE Transactions on , Volume: 43 Issue: 3 , Aug. 1997

Page(s): 586 -592

[\[Abstract\]](#) [\[PDF Full-Text \(556 KB\)\]](#) **IEEE JNL**

---

**21 Applications of MPEG-4: digital multimedia broadcasting**

*Grube, M.; Siepen, P.; Mittendorf, C.; Boltz, M.; Srinivasan, M.;*

Consumer Electronics, IEEE Transactions on , Volume: 47 Issue: 3 , Aug. 2001

Page(s): 474 -484

[\[Abstract\]](#) [\[PDF Full-Text \(890 KB\)\]](#) **IEEE JNL**

---

**22 Subjective testing of MPEG-2 NBC multichannel audio coding**

*Kirby, D.G.; Watanabe, K.;*

Broadcasting Convention, 1997. International , 12-16 Sept. 1997

Page(s): 482 -487

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) **IEE CNF**

---

**23 A stand-alone DSP-based real time implementation of the MPEG audio layer 2 algorithm**

*Hong-Beng Yak; Sua-Hong Neo; Brefort, A.; Rosinski, K.;*

Singapore ICCS/ISITA '92. 'Communications on the Move' , 16-20 Nov. 1992

Page(s): 770 -773 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) **IEEE CNF**

---

**24 An MPEG-1 audio/video decoder with run-length compressed antialiased video overlays**

*Galbi, D.; Bird, E.; Bose, S.; Chai, E.; Yen-Ning Chang; Dermay, P.; Fernando, N.; Fritsch, J.-G.; Hamilton, E.; Hu, B.; Hua, E.; Liao, F.; Ming Lin; Ming Ma; Paluch, E.; Purcell, S.; Yanagi, H.; Sun Yang; Chow, M.; Fujii, T.; Fujiwara, A.; Goto, H.; Ihara*

Solid-State Circuits Conference, 1995. Digest of Technical Papers. 42nd ISSCC, 1995 IEEE International , 15-17 Feb. 1995

Page(s): 286 -287, 381

[\[Abstract\]](#) [\[PDF Full-Text \(660 KB\)\]](#) **IEEE CNF**

---

**25 A high performance software implementation of MPEG audio encoder**

*Kumar, M.; Zubair, M.;*

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96.

Conference Proceedings., 1996 IEEE International Conference on ,

Volume: 2 , 7-10 May 1996

Page(s): 1049 -1052 vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEEE CNF**

---

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [\[Next\]](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)  
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved